

Agriculture, Food and Natural Resources

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Agribusiness Systems Pathway	SAMPLE Occupations Relating to This Pathway
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>								
SECONDARY	9	English/ Language Arts I	Algebra I	Earth or Environmental Science	State History Civics	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Supervised Agricultural Experience (SAE) and participation in appropriate FFA activities support and reinforce classroom and laboratory learning and should be a requirement for all students.	Click here to view the course catalog: https://www.graderesults.com/cte Industry-Based Certification Tests & Preparation Courses	Occupations Requiring Postsecondary Education <ul style="list-style-type: none"> ▶ Agricultural Chemical Dealer ▶ Agricultural Products Buyer-Distributor ▶ Bank/Loan Office ▶ Dairy Herd Supervisor ▶ Entrepreneur ▶ Farm Manager ▶ Farmer-Rancher-Feedlot Operator ▶ Feed-Supply Store Manager ▶ Field Representatives for Bank, Insurance Company or Government Program ▶ Livestock Manager ▶ Sales Manager ▶ Salesperson
	10	English/ Language Arts II	Geometry	Biology	U.S. History			
	11	English/ Language Arts III	Algebra II or other math course	Chemistry or other science course	World History			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English/ Language Arts IV	Statistics or other math course					
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>								
POSTSECONDARY	Year 13	English Composition	Algebra	Chemistry	American Government	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Click here to view the course catalog: https://www.graderesults.com/cte Industry-Based Certification Tests & Preparation Courses	Occupations Requiring Baccalaureate Degree <ul style="list-style-type: none"> ▶ Agricultural Commodity Broker ▶ Agricultural Economist ▶ Agricultural Educator ▶ Agricultural Lender ▶ Banker/Loan Officer ▶ Farm Investment Manager ▶ Produce Commission Manager
	Year 14	Speech/ Oral Communication		Biological Science or Botany	American History Geography			
	Year 15	Technical Writing	Statistics		Psychology			
	Year 16	Continue courses in the area of specialization.						